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PTO/SB/81 (08-04)

Approved for use through 11/30/2005. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**

Application Number	10/671,244
Filing Date	09/24/2003
First Named Inventor	Benzoni
Title	Heat sink for a planar waveguide substrate
Art Unit	2874
Examiner Name	Phan T H Palmer
Attorney Docket Number	XPNT24NP

I hereby appoint:

- Practitioners associated with the Customer Number:

36394

OR

- Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

- The address associated with the above-mentioned Customer Number:

OR

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OR

<input type="checkbox"/> Firm or Individual Name			
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City	State	Zip	
Country			
Telephone	Fax		

I am the:

- Applicant/Inventor.

- Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Signature		Date	10-15-04
Name	Jeffrey S. Rittichler	Telephone	626-599-8860
Title and Company	President and CEO, Xponent Photonics Inc		

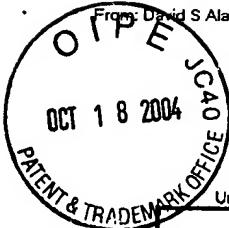
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

- *Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/06 (06-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Albert M. Benzoni and Mark D. DownieApplication No./Patent No.: 10/671,244 Filed/Issue Date: 09/24/2003Entitled: Heat sink for a planar waveguide substrate

Xponent Photonics Inc, a corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or2. an assignee of less than the entire right, title and interest.The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

10-15-04

Date

626-599-8660

Telephone number

Jeffrey S. Bittichier

Typed or printed name

Signature

President and CEO

Title

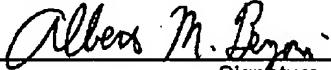
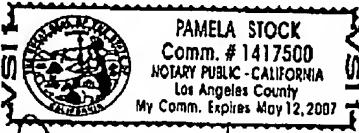
This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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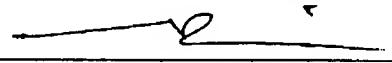
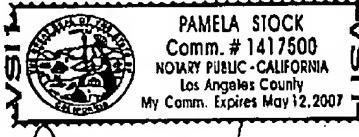
Sample Form (former PTO/SB/15) (08-03)

ASSIGNMENT OF APPLICATION	Docket Number (Optional) XPNT24NP
<p>Whereas, I/We, <u>Albert M. Benzoni</u> of <u>South Pasadena, CA</u>, hereafter referred to as applicant, have invented certain new and useful improvements in <u>Heat sink for a planar waveguide substrate</u></p> <p><input checked="" type="checkbox"/> for which an application for a United States Patent was filed on <u>09/24/2003</u> Application Number <u>10/671,244</u></p> <p><input type="checkbox"/> for which an application for a United States Patent was executed on _____, and Whereas, <u>Xponent Photonics Inc</u> of <u>Monrovia, CA</u> here referred to "assignee" whose mailing address is <u>425 East Huntington Drive, Monrovia, CA 91016</u> is desirous of acquiring the entire right, title and interest in the same;</p> <p>Now, therefore, in consideration of the sum of <u>ten</u> dollars (\$ <u>10</u>), the receipt whereof is acknowledged, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.</p> <p>Executed this <u>15th</u> day of <u>October</u>, 2004. at <u>Monrovia, California</u></p> <p> Signature</p> <p>State of <u>California</u>) County of <u>Los Angeles</u>) SS:</p> <p>Before me personally appeared said <u>ALBERT M. BENZONI</u> and acknowledged the foregoing instrument to be his free act and deed this <u>15th</u> day of <u>October</u>, 2004.</p> <p> Seal</p> <p>Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below.</p> <p><input checked="" type="checkbox"/> Total of <u>2</u> forms are submitted.</p> <p>This form offers a sample or suggested format for an assignment document. This sample form is not an OMB officially approved form.</p>	

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Faxed to 703-306-5995 on 10/18/2004

Sample Form (former PTO/SB/15) (08-03)

ASSIGNMENT OF APPLICATION		Docket Number (Optional) XPNT24NP
<p>Whereas, I/We, <u>Mark D. Downie</u> of <u>Pasadena, CA</u>, hereafter referred to as applicant, have invented certain new and useful improvements in <u>Heat sink for a planar waveguide substrate</u></p> <p><input checked="" type="checkbox"/> for which an application for a United States Patent was filed on <u>09/24/2003</u> Application Number <u>10/671,244</u>.</p> <p><input type="checkbox"/> for which an application for a United States Patent was executed on _____, and Whereas, <u>Xponent Photonics Inc</u> of <u>Monrovia, CA</u> here referred to "assignee" whose mailing address is <u>425 East Huntington Drive, Monrovia, CA 91016</u> is desirous of acquiring the entire right, title and interest in the same;</p> <p>Now, therefore, in consideration of the sum of <u>ten</u> dollars (\$ <u>10</u>), the receipt whereof is acknowledged, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.</p> <p>Executed this <u>15TH</u> day of <u>October</u>, 2004. at <u>Monrovia, California</u>.</p> <p> Signature</p> <p>State of <u>California</u> County of <u>Los Angeles</u> SS: _____</p> <p>Printed Name/Registration No., if applicable <u>Mark D. Downie</u></p> <p>Before me personally appeared said <u>MARK D. DOWNIE</u> and acknowledged the foregoing instrument to be his free act and deed this <u>15th</u> day of <u>October</u>, 2004.</p> <p> Seal</p> <p>Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below.</p> <p><input checked="" type="checkbox"/> Total of <u>2</u> forms are submitted.</p> <p>This form offers a sample or suggested format for an assignment document. This sample form is not an OMB officially approved form.</p>		

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